

Work Order ID 162290

Thursday, June 01, 2017 8:56:50 AM

162290

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Item ID: D4898-1 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Screw, Stainless Steel
 Start Date: 6/1/2017 Start Qty: 100.00 ***100*** Cust Item ID:
 Required Date: 6/6/2017 Req'd Qty: 100.00 ***100*** Customer:
 Reference:

Approvals: Process Plan: DAS 21 Date: JUN 01 2017 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: 9-89 Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4898	REV A								
100	PURCHASING	0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>36525</u>								
	Order From McMaster Carr								
	Part #91249A146								
	Specifications as per D4898-1								
	C OF C IS REQUIRED								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	2.00							
Packaging	Ensure material release note is attached								

100 JUN 01 2017 DAS 13 9-89

100X SP17-6-5

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Item ID: D4898-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Screw, Stainless Steel
Start Date: 6/1/2017 Start Qty: 100.00 ***100*** Cust Item ID:
Required Date: 6/6/2017 Req'd Qty: 100.00 ***100*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC6- All purchased or subcontracted products Memo	0.00 0.00				100			JAS 38 JUN 05 2017
130 *130* Packaging Packaging	Identify as per dwg & Stock Location MF006 Memo	0.00 1.00				100			JUN 06 2017 DAS 6 9-20
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 10.00							17/6/17 JUN 06 2017

Picklist Print

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Work Order ID: 162290

162290

Parent Item: D4898-1

D4898-1

Parent Item Name: Screw, Stainless Steel

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 100.00

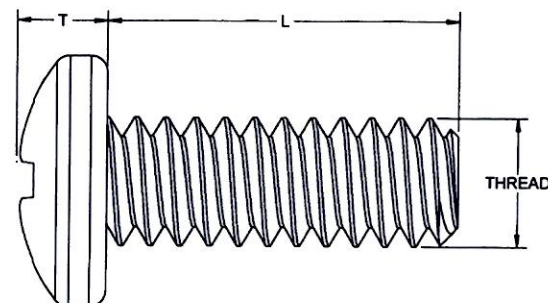
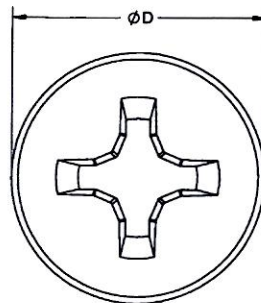
Required Qty: 100.00

Comments: IPP Rev. A New Issue 13/09/25 DL VERIFIED BY:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
91249A146		Purchased	No			100	Each	0.0000	1	100			
91249A146									**	100X			
Screw, Stainless Steel													

SP17-65

SPECIFICATION CONTROL DRAWING



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 162290 HJ
170601

D4898-X SCREW

DART PART NUMBER	DESCRIPTION	THREAD	ØD	T	L	VENDOR	VENDOR PART NUMBER	MATERIAL	FINISH
D4898-1	SCREW	#6-32	0.270"	0.097"	0.38"	McMASTER CARR	91249A146	STAINLESS STEEL	BLACK-OXIDE

RELEASED
2013-09-16

- NOTES:
1) MATERIAL: PER TABLE
2) FINISH: PER TABLE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: N/A

A	NEW ISSUE	BY	13.07.30
REV.	DESCRIPTION	BY	DATE
DESIGN	DART AEROSPACE USA, INC. KENT, WA DRAWING NO. D4898 TITLE SCREW SCALE NTS REV. A SHEET 1 OF 1 COPYRIGHT © 2013 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.		
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	13.07.30		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36525

Purchase Order Date 6/1/2017

PO Print Date 6/1/2017

Page Number 2 of 5

Order From :

VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

330 995 5500

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 10

USD

FCA - (Free Carrier)

Line Total: \$4.00

4 91525A120

washer

6/5/2017

Yes

6/5/2017

100.00

Each

\$0.25

\$25.04

AS PER DWG D3456 REV. A
B162291

Line Total: \$25.04

5 91249A146

Screw, Stainless Steel

6/5/2017

Yes

6/5/2017

100.00

Each

\$0.05

\$5.06
DAS
38
9-8c

AS PER DWG D4898 REV. A
B162290

Line Total: \$5.06

6 90145A630

Pin

6/5/2017

Yes

6/5/2017

5.00

Each

\$2.65

\$13.26

AS PER DWG D3954 REV. D
B162288

Note:

6/1/2017



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO36525
Order Placed By
Chantal Lavoie

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06/01/2017

McMaster-Carr Number
4026112-01

Line	Product	Ordered	Shipped
1	75935A651 3M VHB Foam Tape - Adhesive on Both Sides #4930, 1/2" Width x 72 Yards Length, .025" Thick	1 Each	1
2	90965A160 316 Stainless Steel Washer for M5 Screw Size, 5.3 mm ID, 10 mm OD, Packs of 100	1 Pack	1
3	9753K13 Flexible Vinyl Push-on Round Caps for 3/16"-1/4" OD, 3/4" Inside Height, Packs of 100	1 Pack	1
4	91525A120 316 Stainless Steel Washer Oversized, 1/4" Screw Size, 0.281" ID, 1" OD, Packs of 25	4 Packs	4
5	91249A146 Phillips Rounded Head Screw Black-Oxide 18-8 Stainless Steel, 6-32 Thread Size, 3/8" Long, Packs of 100	1 Pack	1
6	90145A630 18-8 Stainless Steel Dowel Pin 3/8" Diameter, 1-3/4" Long, Packs of 5	1 Pack	1 DAS 38 9-89
7	59915K274 Corrosion-Resistant Ball Joint Rod End 3/8"-24 Thread, Right Hand	10 Each	10
8	53485K22 Push-on Brass Barbed Hose Fitting 1/4" ID, 7/16"-20 UNF 37 & 45 Degree Female Flared End, Packs of 5	2 Packs	2
9	5155T28 Laboratory Tygon PVC Tubing for Chemicals 1/4" ID, 1/2" OD	40 Feet	40
10	5128A57 Low-Profile, Hold-Down Toggle Clamp with Locking Handle, Open Arm, 750 lbs. Holding Capacity	3 Each	3
11	2702T32 Rubber on Polypropylene Wheel Cart-King Caster Swivel, 4" x 1-1/4" Wheel Size, 300 lb Capacity, Easy-Roll Bearing	4 Each	4
12	90876A450 Wing Nut Steel, 1/2"-13 Thread Size, Packs of 1	2 Packs	2

SP17-6-5